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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/785,644	02/23/2004	Zarng-Arh George Wu	07783.0063.CPUS02 2380	
27194 HOWREY LLI	7590 · 06/12/2007 P	O7 EXAMINER		INER
C/O IP DOCKETING DEPARTMENT			KOPEC, MARK T	
	EVIEW PARK DRIVE, SUITE 200 HURCH, VA 22042-2924		ART UNIT	PAPER NUMBER
			1751	
			<u></u>	
		•	MAIL DATE	DELIVERY MODE
			06/12/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)			
Office Action Community	10/785,644	WU ET AL.			
Office Action Summary	Examiner	Art Unit			
·	Mark Kopec	1751			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply					
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period w  - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 6(a). In no event, however, may a reply be tim ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	l. ely filed the mailing date of this communication.			
Status					
1) Responsive to communication(s) filed on 28 Ma  2a) This action is <b>FINAL</b> . 2b) This  3) Since this application is in condition for allowan closed in accordance with the practice under Ex	action is non-final. ce except for formal matters, pro				
Disposition of Claims					
4)  Claim(s) 22-32 and 55-77 is/are pending in the 4a) Of the above claim(s) 29-31 and 65-68 is/are 5)  Claim(s) is/are allowed.  6)  Claim(s) 22-28, 55-64, 69-77 is/are rejected.  7)  Claim(s) is/are objected to.  8)  Claim(s) are subject to restriction and/or Application Papers  9)  The specification is objected to by the Examiner 10) The drawing(s) filed on is/are: a) acceed applicant may not request that any objection to the desired to the d	e withdrawn from consideration.  election requirement.  pted or b) objected to by the Electronic light of the Electronic light	37 CFR 1.85(a).			
Replacement drawing sheet(s) including the correction 11) The oath or declaration is objected to by the Example 11.					
Priority under 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.					
Attachment(s)					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary ( Paper No(s)/Mail Da 5) Notice of Informal Pa 6) Other:	te			

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This action is responsive to applicant's amendment/remarks filed 03/28/07. Claims 22-32, 55-77 are currently pending with claims 29-31 and 65-68 withdrawn from consideration (non-elected species).

The instant claims are accorded a priority date of 02/23/04, (the filing date of the instant application).

The Terminal Disclaimer filed 03/28/07 is entered. The provisional ODP rejection over 11/062,245 is withdrawn.

The prior art rejections over Shibuta (5,908,585) or Glatkowski (Carbon nanotube based transparent conductive coatings) are withdrawn in view of applicant's amendments and remarks. Specifically, the instant claims now require a specific electrophoretic display structure including at least one electrode protecting layer disposed between the electrophoretic fluid and the electrode layer. Such is neither disclosed or suggested in the above prior art.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 22, 23, 28, 55-58, 64, 69-71, 76 and 77 are rejected under 35 U.S.C. 102(b) as being anticipated by Ogata et al (4,466,701).

This rejection is maintained foe the reason set forth in the Rejection mailed 12/29/06 (pages 6-8).

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Applicant's remarks regarding this rejection are noted.

Specifically, applicant argues that Ogata is directed to LCD devices, and does not disclose the claimed limitation "at least one electrode protecting layer disposed between the electrophoretic fluid and the electrode layer".

The examiner respectfully submits that Ogata meets the instant claim limitations. The reference specifically discloses electrophoretic display devices in addition to LCD (Col 2, lines 39-42), and the "protective layer" is positioned between the fluid and the electrode layer. See Figs 4-5 (protective layer 10 is clearly between the fluid 7 and the electrode 3). The reference specifically teaches "The protective layers 10 are located so that they overlap partially with the sealing materials 6 and they completely cover the lead terminals" (Col 6, lines 10-17).

Note the following new grounds of rejection.

Claims 24-27, 59-63, and 72-75 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ogata et al (4,466,701).

Ogata is relied upon as set forth above. The reference fails to specifically disclose the instantly claimed (nanometer) particle size(s).

The examiner respectfully submits that the skilled artisan would have to utilize only routine experimentation to arrive at

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the claimed values. The reference clearly suggests that the conductive particle should be smaller than the gap between the base plates of a few µm (Col 4, lines 35-43). "[W]here the general conditions of a claim are disclosed in the prior art, it is not inventive to discover the optimum or workable ranges by routine experimentation." In re Aller, 220 F.2d 454, 456, 105 USPQ 233, 235 (CCPA 1955).

In view of the foregoing, the above claims have failed to patentably distinguish over the applied art.

Applicant is reminded that any evidence to be presented in accordance with 37 C.F.R. 1.131 or 1.132 should be submitted before final rejection in order to be considered timely.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Kopec whose telephone number is (571) 272-1319. The examiner can normally be reached on Monday - Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas McGinty can be reached on (571) 272-1029. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mark Kopec/ Primary Examiner Art Unit 1751

MK June 7, 2007